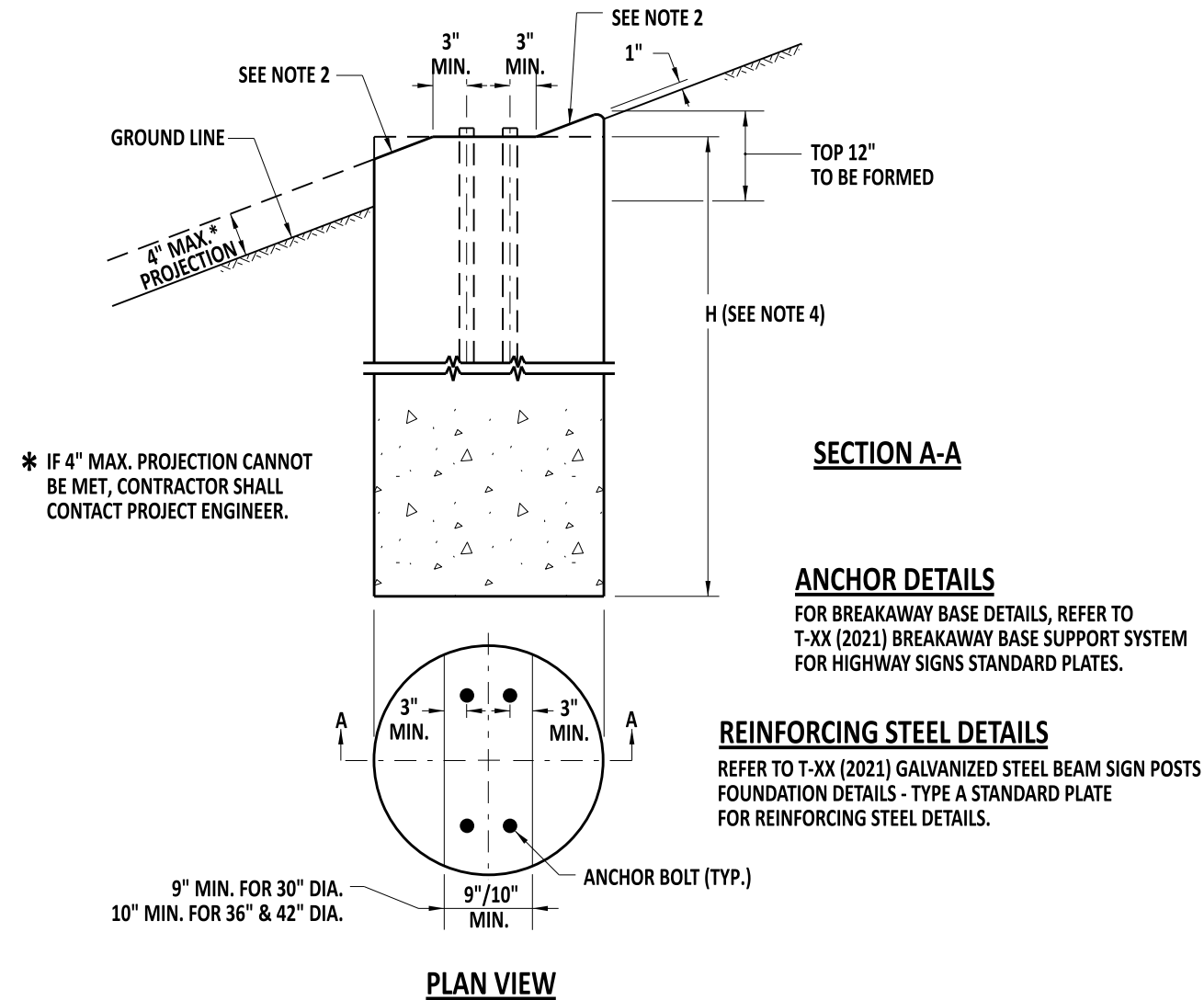


BREAKAWAY TYPE C SIGN POST FOUNDATIONS**STEEL BREAKAWAY SUPPORT
FOUNDATION SELECTION MATRIX**

POST SIZE	FOUNDATION DIAMETER	ROADWAY CUT / FILL SLOPE										
		≥2:1	3:1	4:1	5:1	6:1	7:1	8:1	9:1	10:1	12:1	<13:1
W6X9	30"	***	C	C	C	C	B	B	B	A	A	A
W6X12	30"	***	C	C	C	C	B	B	B	A	A	A
W6X15	30"	***	C	C	C	C	B	B	B	A	A	A
W6X16	30"	***	C	C	C	C	B	B	B	A	A	A
W8X18	30"	***	C	C	C	C	B	B	B	A	A	A
W8X21	30"	***	C	C	C	C	B	B	B	A	A	A
W10X22	36"	***	***	C	C	C	C	B	B	B	A	A
W10X26	36"	***	***	C	C	C	C	B	B	B	A	A
W12X26	36"	***	***	C	C	C	C	B	B	B	A	A
W14X30	36"	***	***	C	C	C	C	B	B	B	A	A
W16X31	36"	***	***	C	C	C	C	B	B	B	A	A
W18X35 OR W18X40	36"	***	***	C	C	C	C	C	B	B	B	A

* IF A FOUNDATION EXCEEDS THE 4" AASHTO CRITERIA, THE CONTRACTOR SHALL CONTACT THE ENGINEER FOR APPROPRIATE GUIDANCE.

NOTES:

1. THIS FOUNDATION SHALL BE USED ONLY IN LOCATIONS MEETING SLOPE CRITERIA IN ACCORDANCE WITH THE STEEL BREAKAWAY SUPPORT FOUNDATION SELECTION TABLE.
2. SLOPED PORTIONS OF THE FOUNDATION SHALL MATCH THE FINISHED GROUND SLOPE.
3. ON FILL SLOPES GREATER THAN 6:1 BUT NO STEEPER THAN 3:1, FOUNDATIONS DESIRABLY SHOULD BE INSTALLED A MINIMUM OF 14 FT BEYOND THE HINGE POINT. THE HINGE POINT IS THE POINT OF SLOPE TRANSITION FROM THE SHOULDER SLOPE, OR A RELATIVELY FLAT RECOVERY AREA ADJACENT TO THE ROADWAY, TO A STEEPER FORESLOPE, (ALSO KNOWN AS THE FORESLOPE BREAK).
4. REFER TO T-XX (2021) GALVANIZED STEEL BEAM SIGN POSTS FOUNDATION DETAILS - TYPE A FOR FOUNDATION DIMENSIONS AND REINFORCING STEEL DETAILS.



Andrew Sholt
ENGINEERING SUPPORT
RECOMMENDED
12/13/2022
DATE

BREAKAWAY STEEL SIGN SUPPORT FOUNDATIONS

STANDARD NO. T-23 (2022) SHT. 2 OF 2

REVIEWED

12/16/2022
DEPUTY DIRECTOR - DESIGN
DATE

APPROVED

12/21/2022
CHIEF ENGINEER
DATE